



# Flu Recommendations: How to Vaccinate All These Kids!

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# Estimated Annual Impact of Flu in Massachusetts

- 300,000 - 1.3 M MA residents get the flu
- 2,600 hospitalizations
- 800 deaths





# Est. MA Population in Target Groups for Flu Vaccine

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**5.3 M (83%) in a target group**

6 mos – 18 yrs

≥ 50 y/o

High risk 19 – 64 y/o

Pregnant women

HCP

HH contacts

LTC residents



# New Recommendation for Routine Flu Vaccination of School-aged Children

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- Begin routine flu vaccination of school children 5 - 18 y/o as soon as feasible; no later than 2009 - 2010
- 1 million school-children in Massachusetts



# Rationale for Flu Vaccination of School-Aged Children

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- Disease burden
  - Children have highest attack rates
  - Substantial impacts on medical visits, antibiotic use, school absenteeism
- Public health impact
  - Reduces circulation of flu in the community
  - Reduces ILI and medical visits among household contacts of vaccinated children
  - Reduces parental work loss



# Efficacy of Influenza Vaccine in Children

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Age Group (yrs)	Reduction
1-15	91%
3-9	56%
10-18	100%



# Challenges of Annual Vaccination of School-Aged Children

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Inability to vaccinate all children in medical home

- Need many additional venues
  - Community, LBOHs, retail and school settings
  - School-located clinics vs. school-based, in collaboration with:
    - Commercial vaccinators
    - Local boards of health
    - Other community vaccinators

*It takes a village to vaccinate a child.*

So How Are We Going To Get It  
Done?



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